

REMARKS/ARGUMENTS

Reconsideration and withdrawal of the rejections of the application are respectfully requested in view of the amendments and remarks herewith. The present amendment is being made clarify the present invention.

I. STATUS OF THE CLAIMS AND FORMAL MATTERS

Claims 69-71, 73-77, 79, 80 and 82 are currently pending in this application. Claims 1-68, 72, 78 and 81 have been canceled. Claims 69-71, 74, 77 and 80 are independent, and are hereby amended in this response. Support for this amendment is provided throughout the Specification as originally filed. The Examiner's attention is directed to, for example, page 11 et seq., page 13, pages 36-38, pages 77-78 and page 87 of the specification. No new matter has been introduced by this amendment. Changes to the claims are not made for the purpose of patentability within the meaning of 35 U.S.C. §101, §102, §103, or §112. Rather, these changes are made simply for clarification.

II. REJECTIONS UNDER 35 U.S.C. §103

Claims 69-71, 74, 75, 77 and 80 were rejected under 35 U.S.C. §103 as being obvious in view of the combination of Goldberg (U.S. Patent 5,963,203) and U.S. Patent No. 5,724,472 to Abecassis.

Claims 73, 76, 79, and 82 were rejected under 35 U.S.C. §103(a) as allegedly unpatentable over Goldberg in view of U.S. Patent No. 6,546,555 (Hjelsvold).

One objective of the present invention is to generate a summary digest video of the content of the main video data by using the semantic evaluation meta-data that indicates the

impact or significance on the story, or content, of the main video data of particular shots or scenes. Those shots having important significance, based on, for example, the semantic score, are extracted to produce the summary digest from which a user can determine whether or not he wants to view the entire video content. Thus, the user need not view an entire program or movie or other content, simply to conclude that he is not interested in that content.

Claim 69 recites, *inter alia*:

“A method for transmitting video data comprising ...

obtaining semantic evaluation meta-data including evaluation values of each shot or scene of the main video data, said semantic evaluation meta-data indicating the impact or significance of a shot or scene in the development of the content represented by the main video data; and

transmitting the identifying data, the semantic evaluation meta-data, and the main video data, wherein the identifying data and the semantic evaluation meta-data is used for extracting shots or scenes from the main video for a user to generate a summary digest video of said content.” (Emphasis added)

Applicant respectfully submits that the relied upon portions of Goldberg do not teach or suggest the above identified feature in claim 69. Goldberg relates to interactive interfaces for video information providing a displayed view of a quasi-object called a root image. The root image consists of a plurality of basic frames selected from the video information, arranged such that their respective x and y directions are aligned with the x and y directions in the root image and the z direction in the root image corresponds to time, such that base frames are spaced apart in the z direction of the root image in accordance with their time separation. The displayed view of the root image changes in accordance with a designated viewing position, as if the root image were a three-dimensional object. The user can manipulate the displayed image by designating different viewing positions, selecting portions of the video information for

playback and by special effects, such as cutting open the quasi-object for a better view. A toolkit permits interface designers to design such interfaces, notably so as to control the types of interaction which will be possible between the interface and an end user. Implementations of the interfaces may include editors and viewers.

Abecassis relates to a variable content video comprising a video and a segment map, the segment map defining a plurality of video segments of the video responsive to at least one pre-established content category, the segment map providing information for a video system to automatically select, retrieve, and transmit as a continuous video, video segments from the plurality of video segments responsive to a preference with respect to the at least one pre-established content category. The content category may be a category of possibly unsuitable content such as violence. The plurality of video segments may comprise parallel segments to provide greater variety in the level of explicitness. In an embodiment the variable content video is stored in a memory device such as a portable laser readable memory.

The combination of Goldberg and Abecassis does not teach or suggest obtaining semantic evaluation meta-data that indicates the impact or significance of a shot or scene in the development of the content of main video data so that a summary digest video of the content can be generated from the semantic evaluation meta-data by extracting shots or scenes from the main video, as recited in claim 69.

Therefore, Applicant respectfully submits that claim 69 is patentable over the combination of Goldberg and Abecassis.

Claim 70 is the corresponding transmitter and is therefore patentable for similar reasons.

Claims 71 and 74 are the corresponding receiving method and receiver, respectively, and are therefore patentable for similar reasons.

Claims 77 and 80 are the corresponding transmitting/receiving method and transmission/reception system, respectively, and are therefore patentable for similar reasons.

III. DEPENDENT CLAIMS

The other claims in this application are each dependent from one of the independent claims discussed above and are therefore patentable for at least the same reasons. Since each dependent claim is also deemed to define an additional aspect of the invention, however, the individual reconsideration of the patentability of each on its own merits is respectfully requested.

CONCLUSION


In view of the foregoing, Applicant respectfully submits that all of the claims are in condition for allowance and requests early passage to issue of the present application.

In the event the Examiner disagrees with any of statements appearing above with respect to the disclosure in the cited references, it is respectfully requested that the Examiner specifically indicate those portions of the references providing the basis for a contrary view.

Please charge any additional fees that may be needed, and credit any
overpayment, to our Deposit Account No. 50-0320.

Respectfully submitted,

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